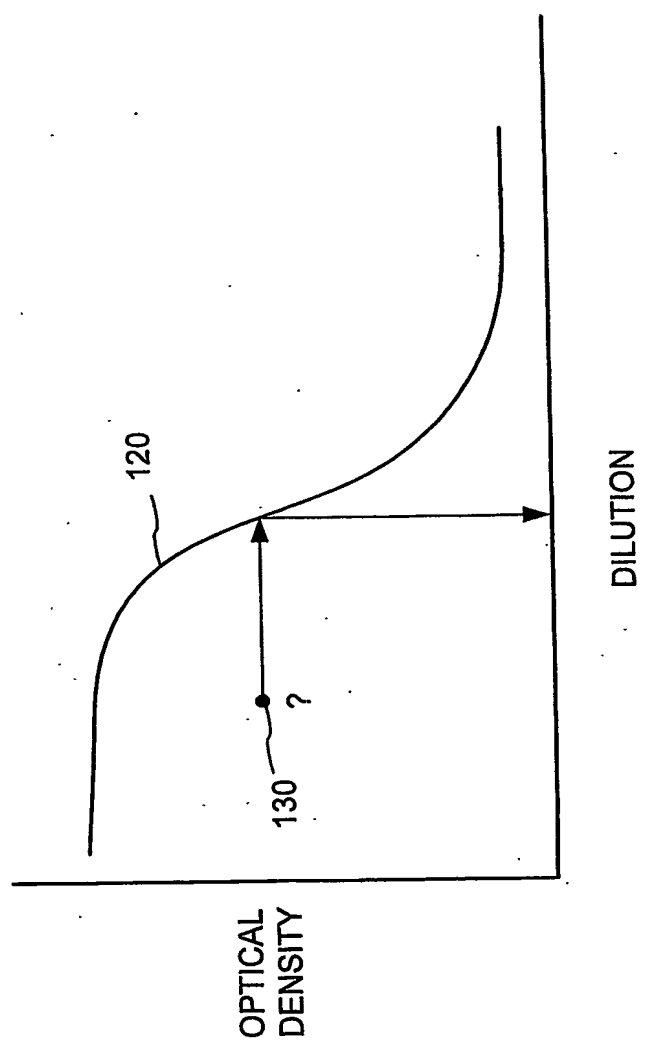


FIG. 1



200

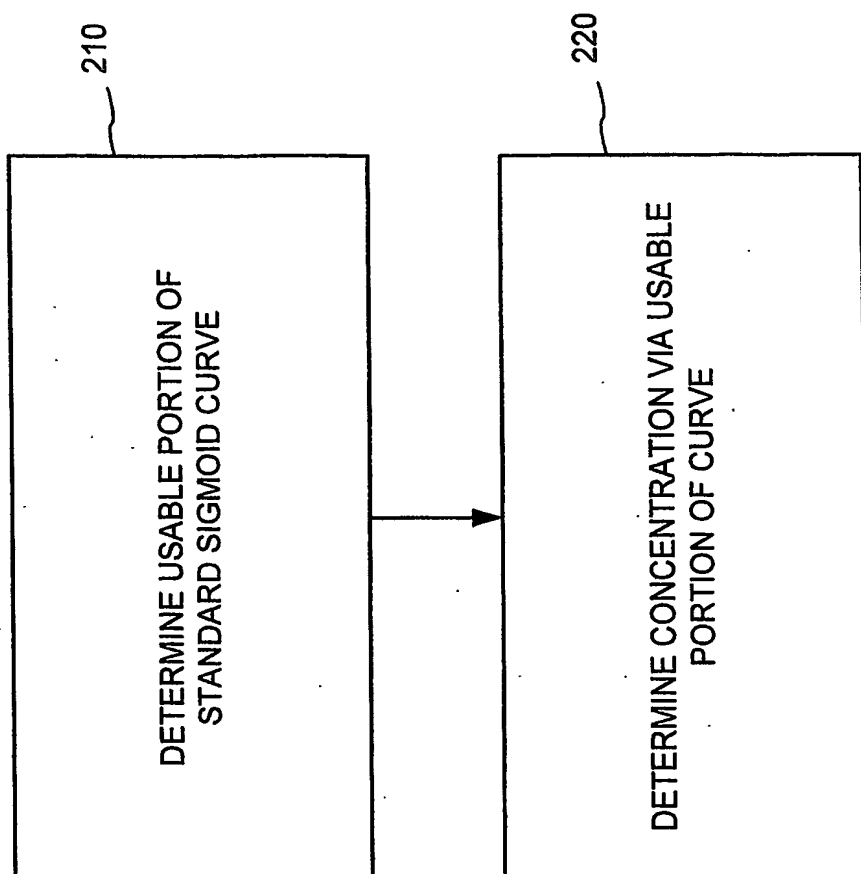


FIG. 2

300

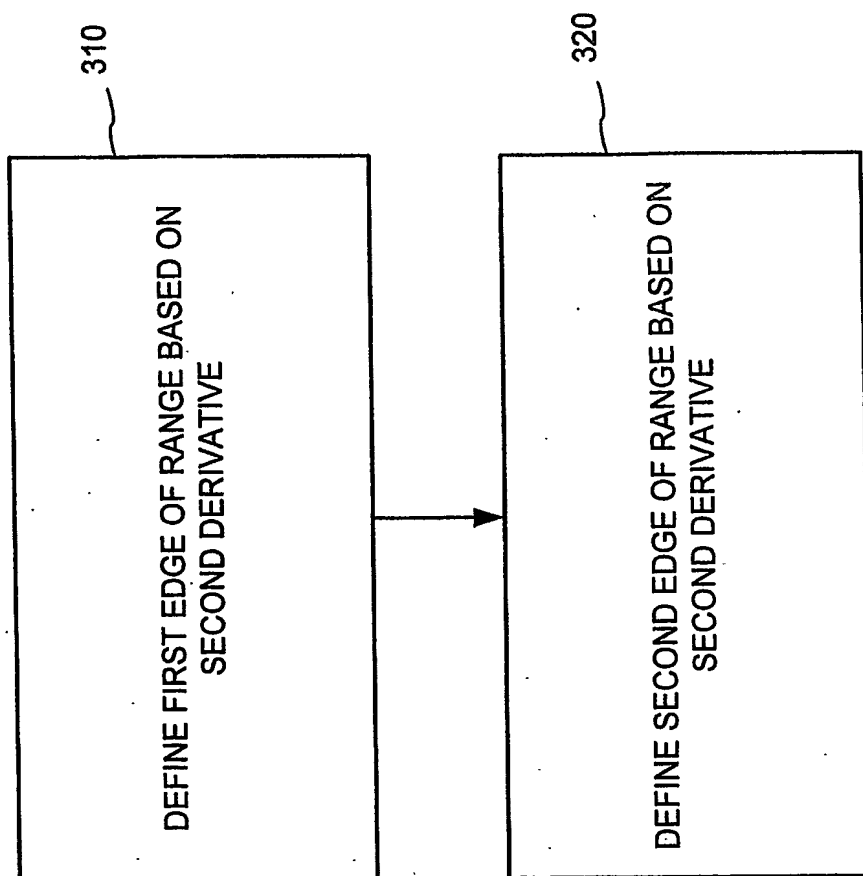
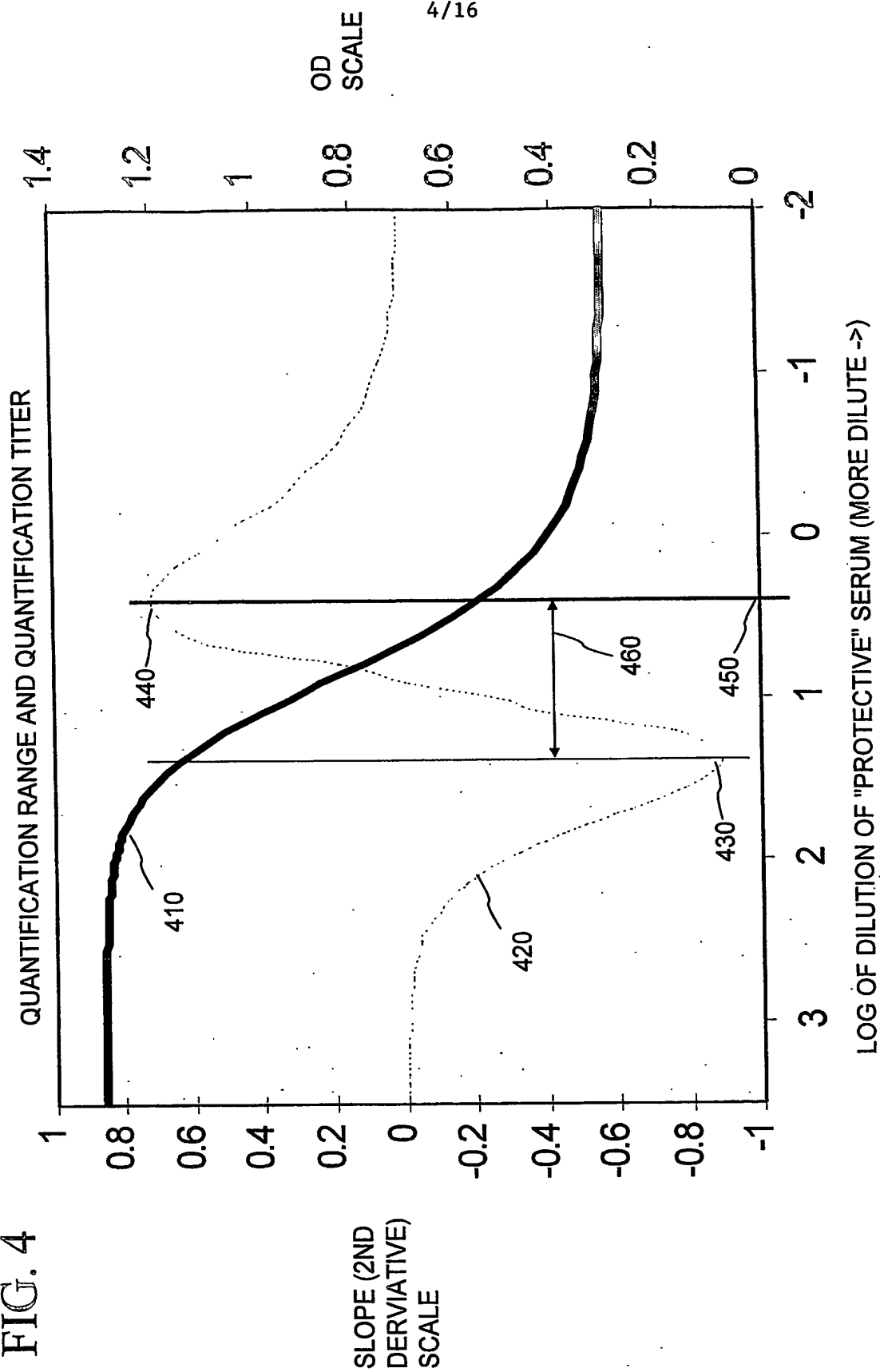


FIG. 3

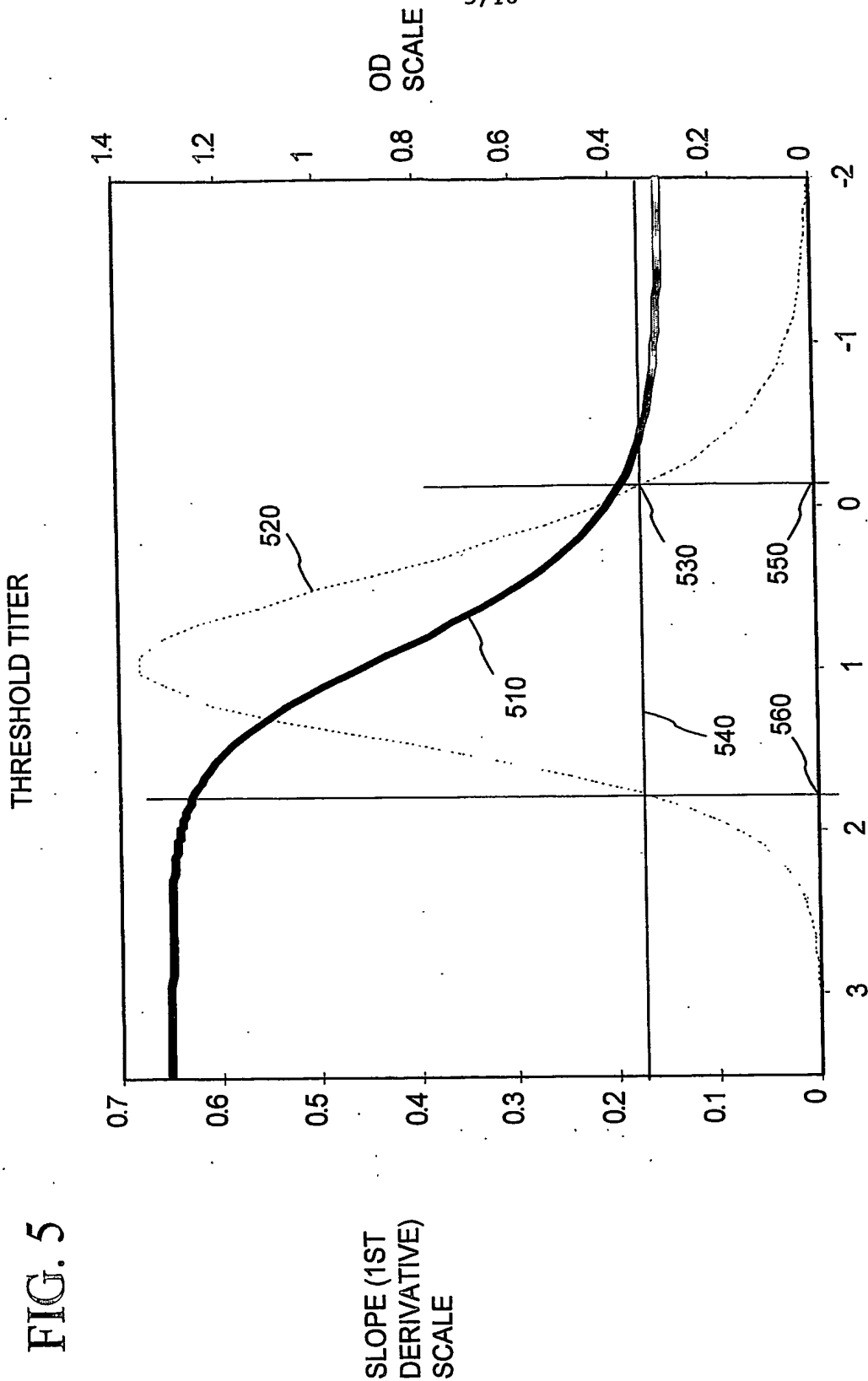
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FIG. 4



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FIG. 5



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600

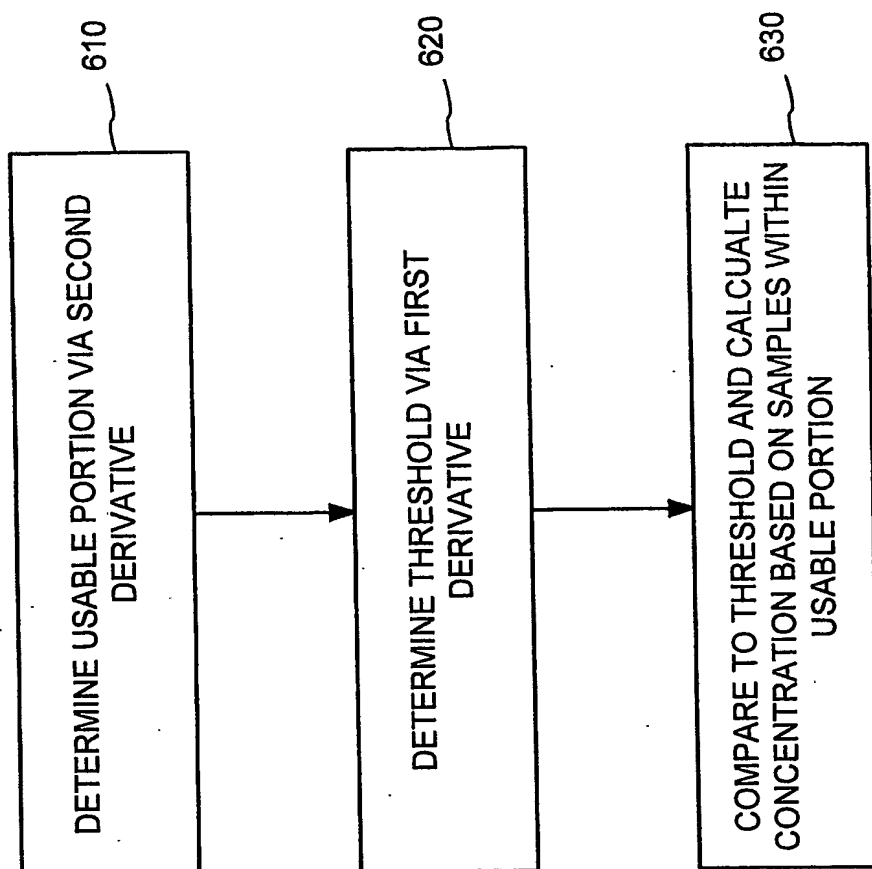


FIG. 6

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FIG. 7

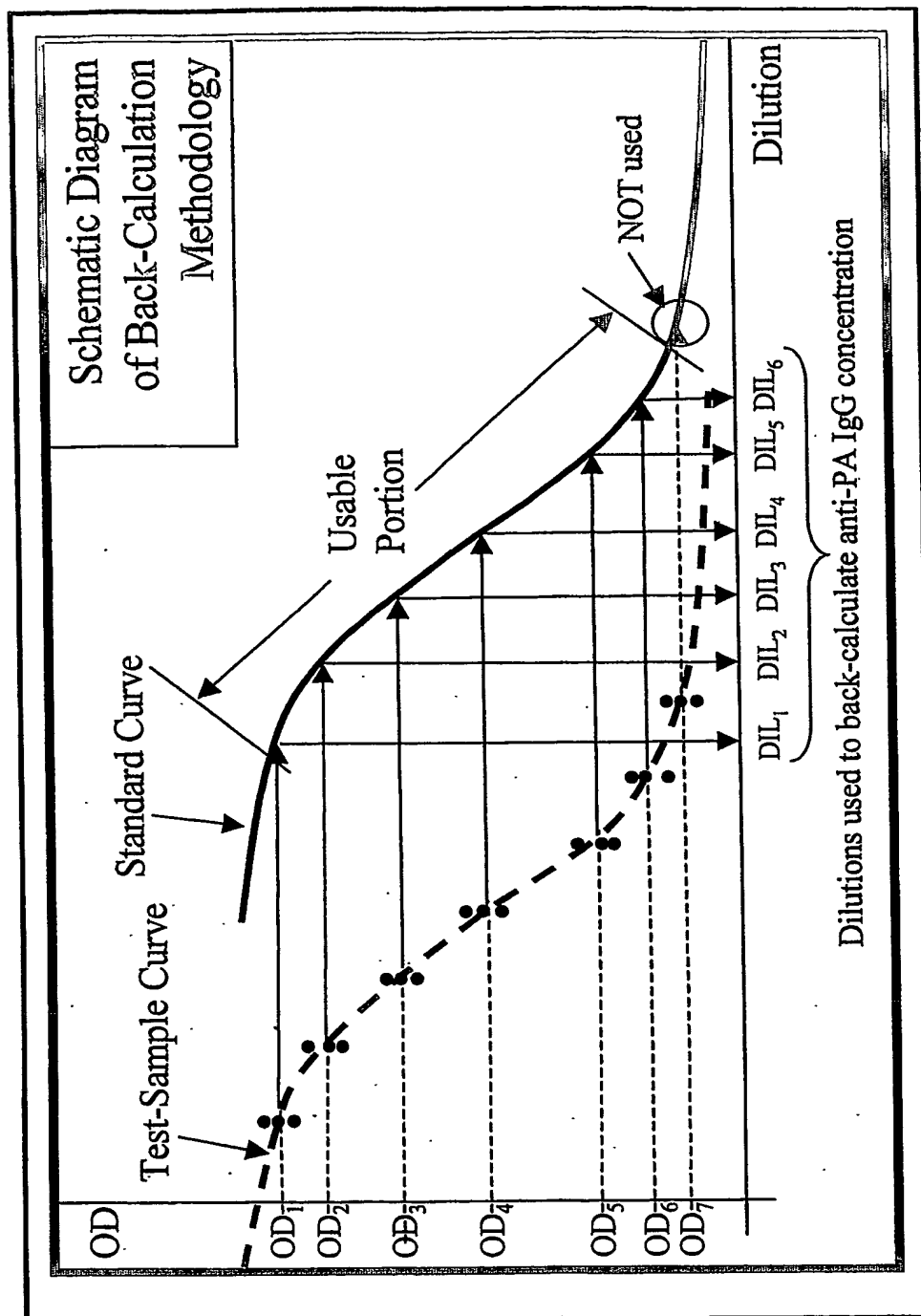
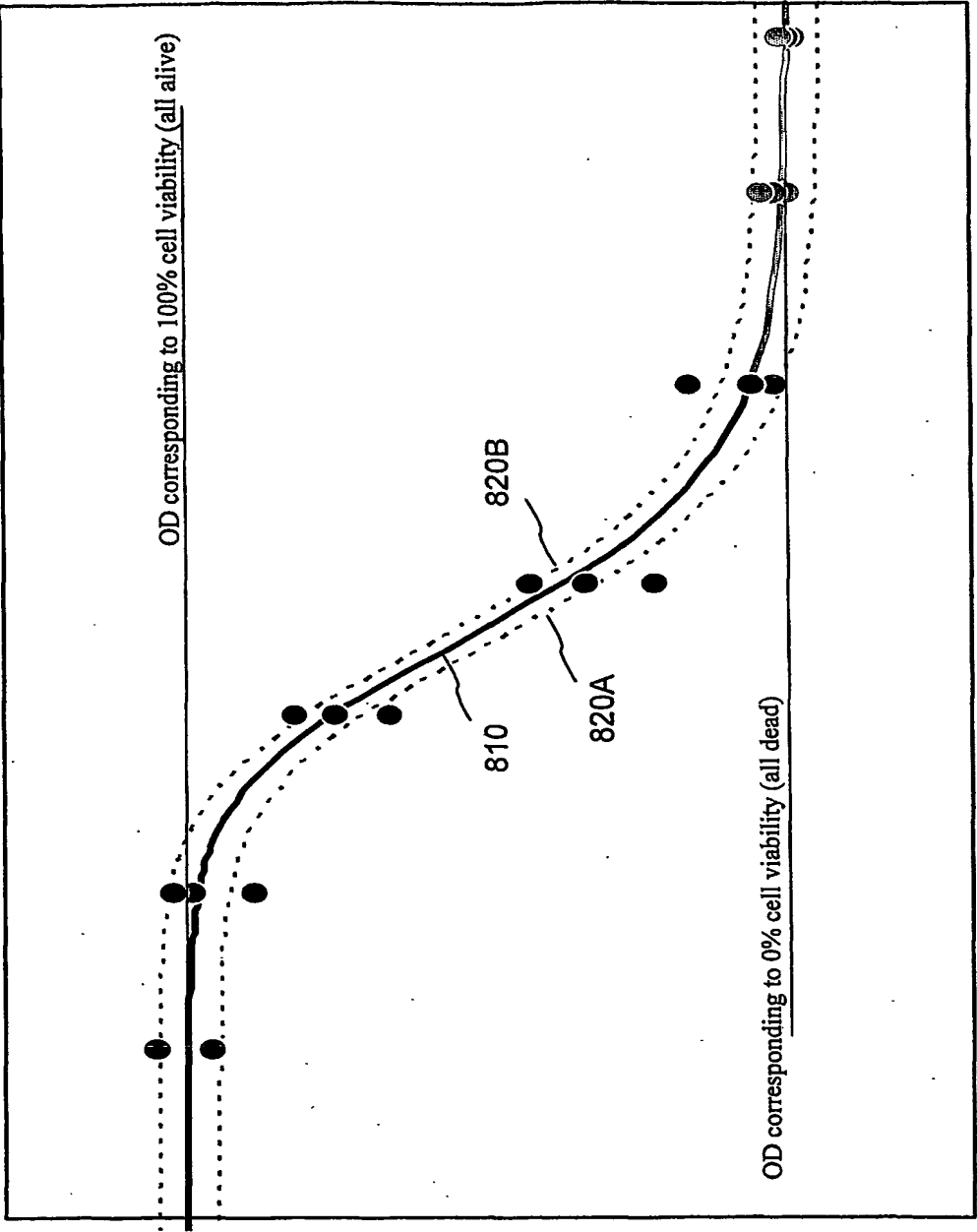


FIG. 8

BASIC FOUR-PARAMETER LOGISTIC (4PL) FIT

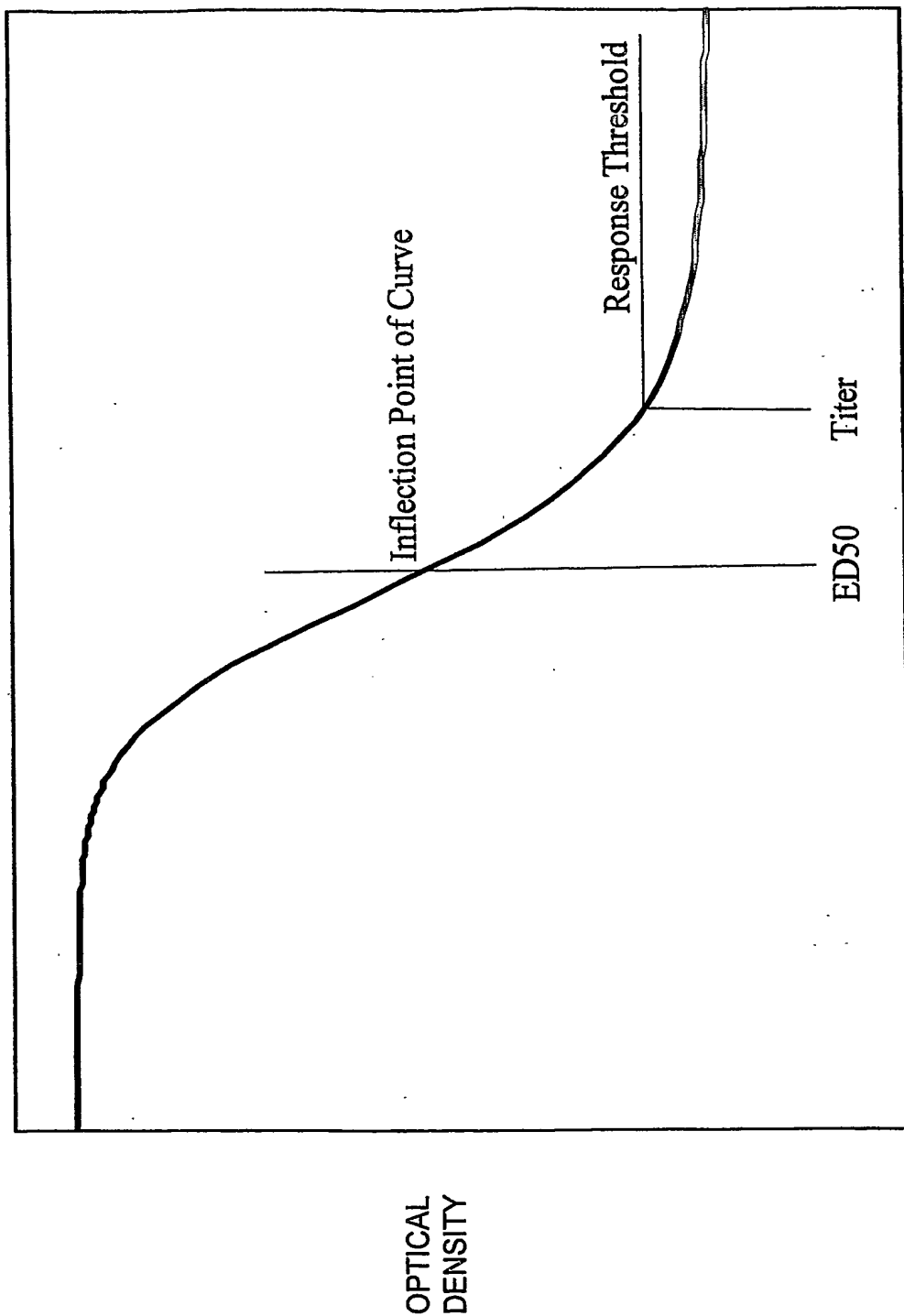




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FIG. 9

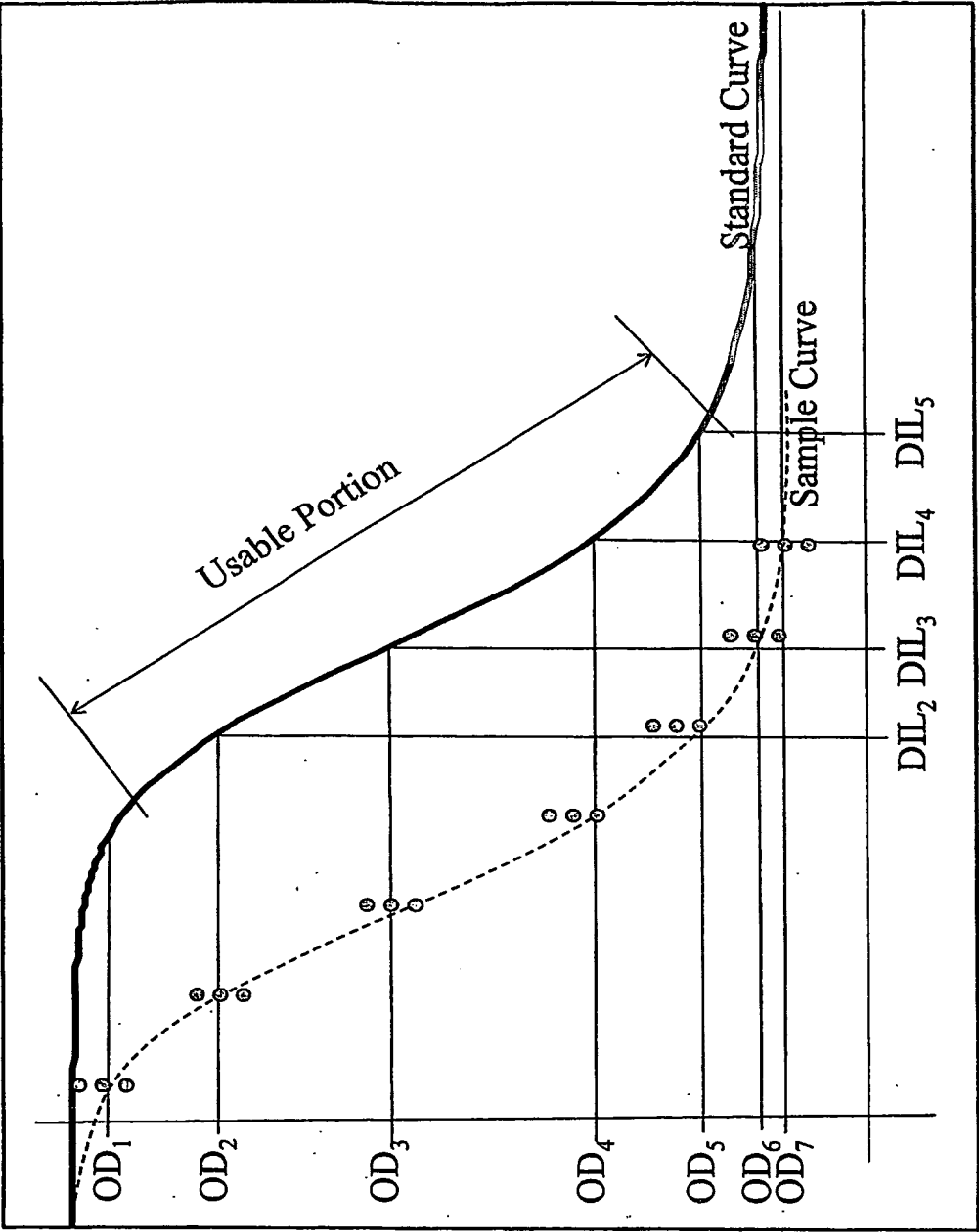
INFERRED QUANTITIES: EFFECTIVE DOSE 50%, TITER



Dilution of "protective" Serum (more dilute →)

FIG. 10

INFERRED QUANTITY: CONCENTRATION

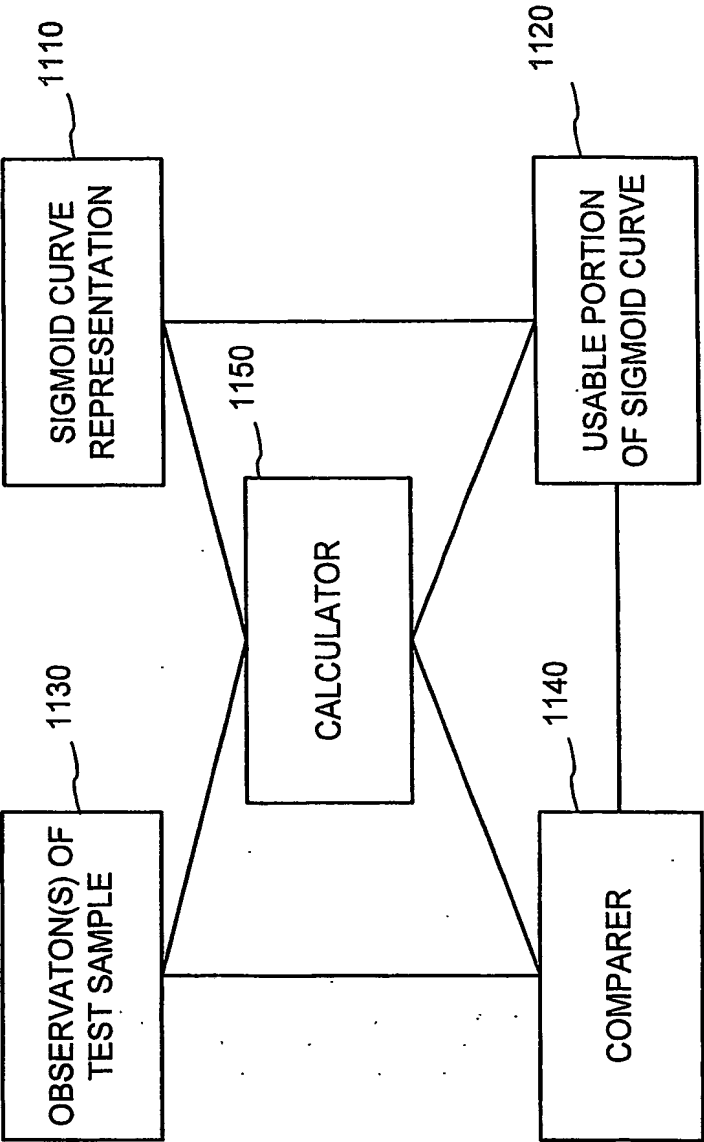


OPTICAL DENSITY

Dilution of "protective" Serum (more dilute →)

1100

FIG. 11



1200

FIG. 12

1230

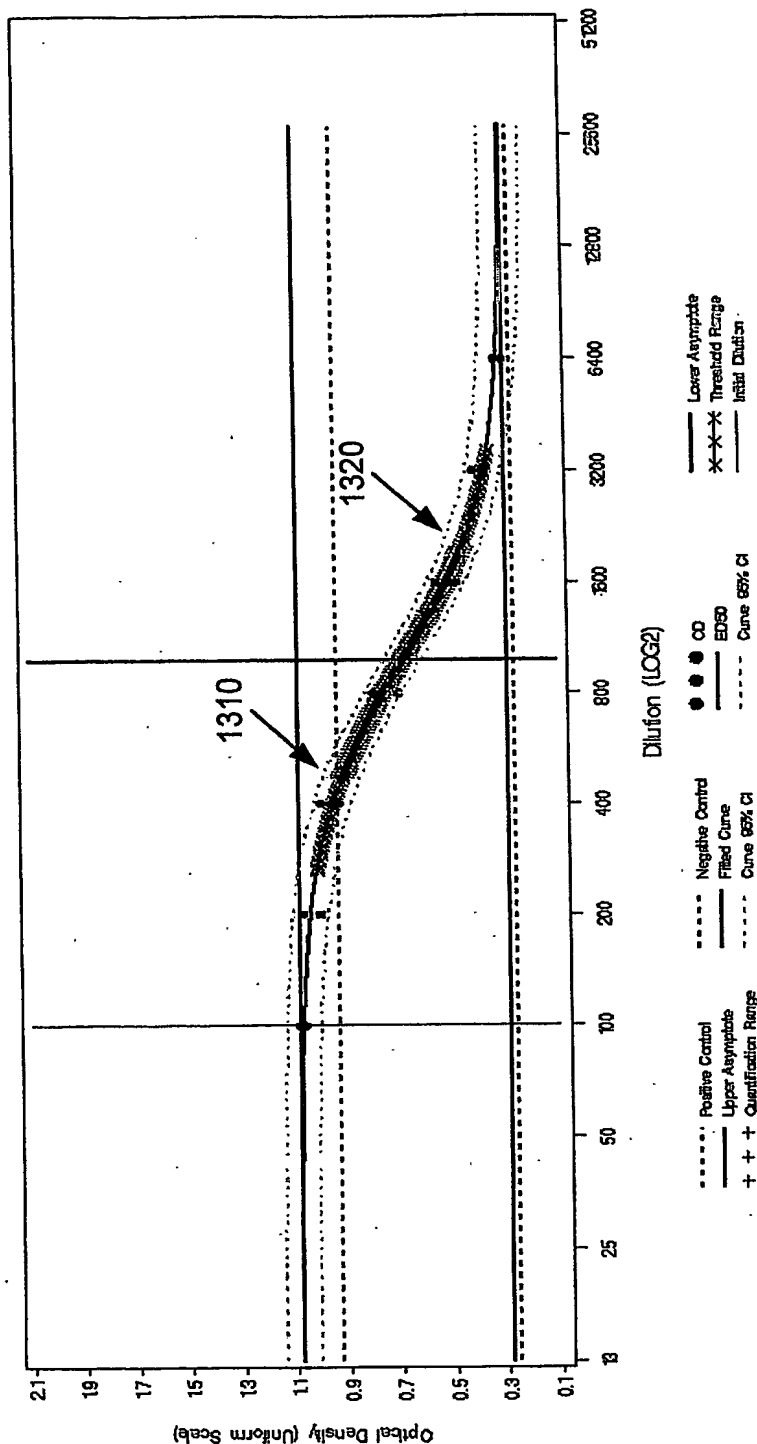
ANALYSIS RESULTS				
SAMPLE	CONC.	PRESENT?	OBS.	DISCARDS
00452	.452	YES	6	2
00459	.780	YES	5	0
00486	.450	YES	6	4
00708	???	YES	4	4
00710	???	NO	4	4
00740	.020	YES	5	1

OK

FIG. 13

1300

TNA PLATE: VAL111A, read on [DATE]  
 WARNING: Results May Be Unreliable for Partial Curves and/or if ED50 < Initial Dilution  
 #= 4 ID= AVR414 Fit= Converged RSQD= 0.991 StdED50= OK ED50= 990 Q- Titer= 980 T- Titer= 3670

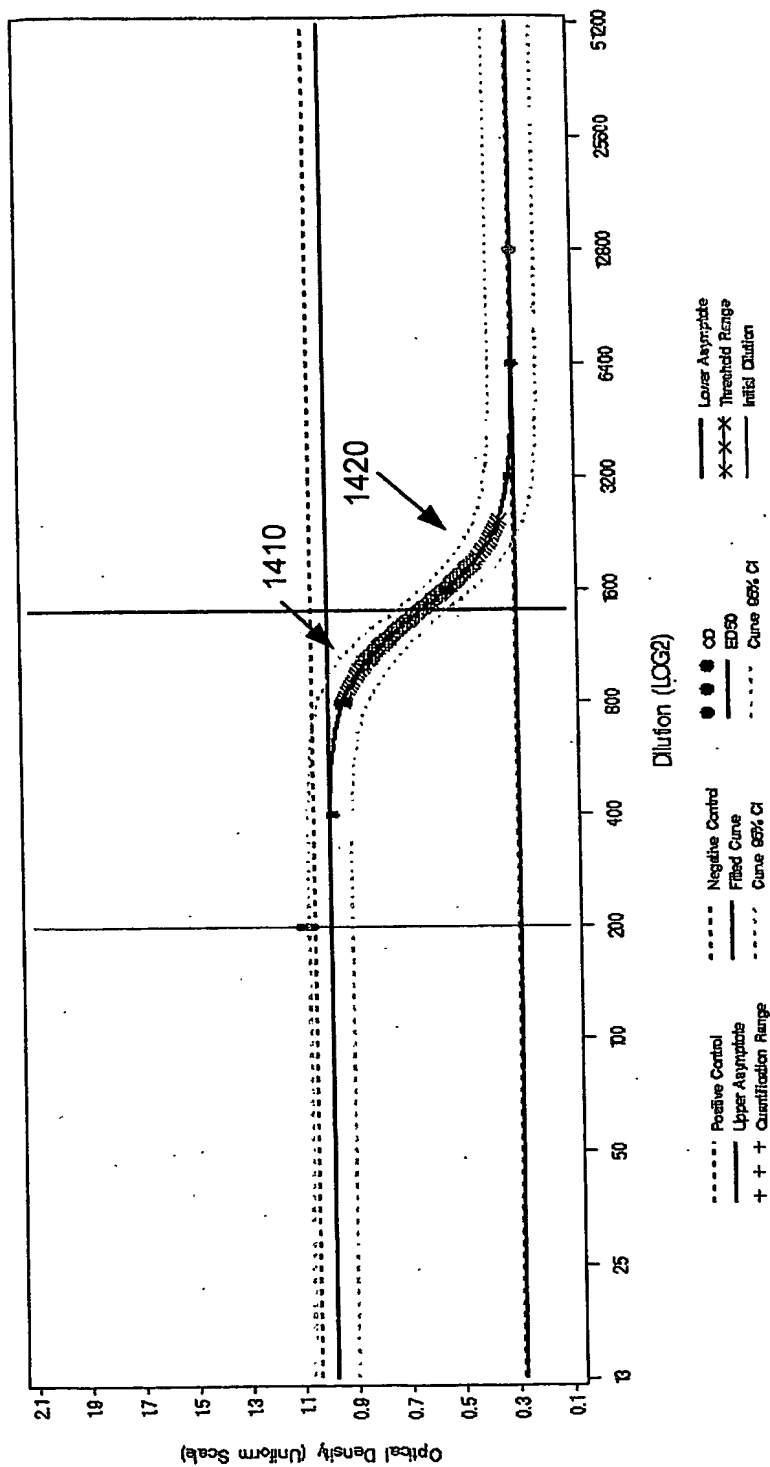


4PL -- CONSTRAINED TO TOP OF STANDARD CURVE -- METHOD: GAUSS  
 at Dose 1000 @ 30%  
 Negative Sample Defined by OD off < 0.1 and Max OD < 0.2 + Mean OD of Neg. Ctrl.  
 Cons is in ED50 SCORED 1595 VAL111A is on VAL111A REVIEW

1400

FIG. 14

TNA PLATE: N1-P81a, read on [DATE]  
 WARNING: Results May Be Unreliable for Partial Curves and/or if ED50 < Initial Dilution  
 # = 3 ID = 2294626 Fit = Converged RSQPD = 0.989 StdED50 = 1.1 ED50 = 1/14 Q = Titer = 890 T = Titer = 2450



PL = CONSTRAINED TO TOP OF STANDARD CURVE - METHOD: GAUSS  
 51 DATA POINTS @ 30%  
 Negative Sample Defined by OD off < 0.1 and Max OD < 0.2 + Mean OD of Neg. Ctrl.  
 Code is in ED50SCORED ISAS N1-P81 is on Q1 TNA PLATE

1500  
↙

FIG. 15

TNA PLATE: NHP81A, READ ON [DATE] 265  
WARNING: RESULTS MAY BE UNRELIABLE FOR PARTIAL CURVES AND/OR IF ED50 < INITIAL DILUTION  
- SOURCE=NHP81A STD=AVR731 STD ED50=1211 COMPUTATION METHOD=GAUSS ANALYST=HL READDATE=[DATE]

SAMNO	SAMPLE	CURVE FIT		INITIAL DILUTION	FLAGNADA	FLAG34	FLAG ED50 OF		RSQRD	FLAGRSQRD
		STATUS	CONVERGED				STD	OF		
1	12275434	CONVERGED		200					0.985	
2	12292526	CONVERGED		100					0.982	
3	12294626	CONVERGED		200					0.989	
4	AVR731	CONVERGED		200		OK	??		0.997	

SAMNO	ED50	WARNING:		QUANTIF.		THRESHOLD		NF50	OD RANGE		MEAN OD		STD DEV OD	
		LOW	TITER	TITER		TITER			OF STD	OF POS.	CNTRL.	OF POS.	CNTRL.	
1	1299		1740			2220		1.07	.		1.01		0.037	
2	870		1180			1560		0.72	.		1.14		0.095	
3	1414		1890			2450		1.17	.		1.04		0.029	
4	1211		1810			2550		1.00	0.73		0.94		0.015	

1600  
↙

FIG. 16

SAMNO	CV OF OD		DELTA: BOT.		MEAN OD		STD DEV OD		CV OF OD	UPPER		LOWER		MAXIMUM	
	OF POS.	CNTRL.	OD	TRIPPLICATE & NEG. CNTRL.	OF NEG.	CNTRL.	OF NEG.	CNTRL.	OF NEG.	ASYMP.	ASYMP.	ASYMP.	ASYMP.	OD	TRIPLE
1	4%		0.00		0.28		0.002		1%	0.98		0.29		1.08	
2	8%		0.01		0.28		0.002		1%	0.98		0.28		1.09	
3	3%		0.01		0.28		0.002		1%	0.98		0.28		1.07	
4	2%		0.01		0.28		0.002		1%	0.98		0.27		0.99	

SAMNO	LOWEST		MAXIMUM		POINTS-		CURVE-		VERSION		QC CHECK	
	OD	TRIPLE	CV OF	ODS	BASED IGG	CONC.	BASED IGG	CONC.	ED50.45CORE01	ED50.45CORE01	ED50.45CORE01	ED50.45CORE01
1	0.28		4%		260.3	190.6			ED50.45CORE01	ED50.45CORE01	ED50.45CORE01	ED50.45CORE01
2	0.27		6%		136.7	126.6			ED50.45CORE01	ED50.45CORE01	ED50.45CORE01	ED50.45CORE01
3	0.27		3%		233.6	204.8			ED50.45CORE01	ED50.45CORE01	ED50.45CORE01	ED50.45CORE01
4	0.27		3%		177.3	171.9			ED50.45CORE01	ED50.45CORE01	ED50.45CORE01	ED50.45CORE01